



RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/688,566

DATE: 06/17/2002

TIME: 19:34:49

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\06172002\I688566.raw

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4 <110> APPLICANT: Lipovsek, Dasa
5      Wagner, Richard W
6      Kuimelis, Robert G
8 <120> TITLE OF INVENTION: PROTEIN SCAFFOLDS FOR ANTIBODY MIMICS
9      AND OTHER BINDING PROTEINS
12 <130> FILE REFERENCE: 50036/021004
14 <140> CURRENT APPLICATION NUMBER: US 09/688,566
15 <141> CURRENT FILING DATE: 2000-10-16
17 <150> PRIOR APPLICATION NUMBER: US 60/111,737
18 <151> PRIOR FILING DATE: 1998-12-10
20 <150> PRIOR APPLICATION NUMBER: US 09/456,693
21 <151> PRIOR FILING DATE: 1999-12-09
23 <150> PRIOR APPLICATION NUMBER: US 09/515,260
24 <151> PRIOR FILING DATE: 2000-02-29
26 <160> NUMBER OF SEQ ID NOS: 202
28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 122
32 <212> TYPE: DNA
33 <213> ORGANISM: Homo sapiens
35 <400> SEQUENCE: 1
36 ggaattccta atacgactca ctatagggac aattactatt tacaattaca atgcatcacc      60
37 atcaccatca cgtttctgat gttccgaggg acctggaagt tgttgctgcg acccccacca      120
38 gc                                                                    122
40 <210> SEQ ID NO: 2
41 <211> LENGTH: 104
42 <212> TYPE: DNA
43 <213> ORGANISM: Homo sapiens
45 <400> SEQUENCE: 2
46 ggaattccta atacgactca ctatagggac aattactatt tacaattaca atggtttctg      60
47 atgttccgag ggacctggaa gttgttgctg cgacccccac cagc                      104
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 126
51 <212> TYPE: DNA
52 <213> ORGANISM: Homo sapiens
54 <220> FEATURE:
55 <221> NAME/KEY: misc_feature
56 <222> LOCATION: (1)...(126)
57 <223> OTHER INFORMATION: n = A,T,C or G
59 <221> NAME/KEY: misc_feature
60 <222> LOCATION: (1)...(126)
61 <223> OTHER INFORMATION: s = C or G
W--> 63 <221> misc_feature

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64 <222> LOCATION: 74, 75, 77, 78, 80, 81, 83, 84, 86, 87, 89, 90, 92, 93
65 <223> OTHER INFORMATION: n = A,T,C or G
W--> 67 <400> 3
68 agcggatgcc ttgtcgtcgt cgtccttgta gtcgctcttc cctgtttctc cgtaagtgat 60
W--> 69 cctgtaatat ctsnnsnnsn nsnnsnnsn snnccagctg atcagtaggc tgggtgggggt 120
70 cgcagc 126
72 <210> SEQ ID NO: 4
73 <211> LENGTH: 62
74 <212> TYPE: DNA
75 <213> ORGANISM: Homo sapiens
77 <400> SEQUENCE: 4
78 agcggatgcc ttgtcgtcgt cgtccttgta gtcgctcttc cctgtttctc cgtaagtgat 60
79 cc 62
81 <210> SEQ ID NO: 5
82 <211> LENGTH: 99
83 <212> TYPE: DNA
84 <213> ORGANISM: Homo sapiens
86 <400> SEQUENCE: 5
87 ggaattccta atacgactca ctatagggac aattactatt tacaattaca atgcatcacc 60
88 atcaccatca cctcttcaca ggaggaaata gccctgtcc 99
90 <210> SEQ ID NO: 6
91 <211> LENGTH: 132
92 <212> TYPE: DNA
93 <213> ORGANISM: Homo sapiens
95 <220> FEATURE:
96 <221> NAME/KEY: misc_feature
97 <222> LOCATION: (1)...(132)
98 <223> OTHER INFORMATION: n = A,T,C or G
100 <221> NAME/KEY: misc_feature
101 <222> LOCATION: (1)...(132)
102 <223> OTHER INFORMATION: s = C or G
W--> 104 <221> misc_feature
W--> 105 <222> LOCATION: 83, 84, 86, 87, 89, 90, 92, 93
W--> 106 <223> OTHER INFORMATION: n = A,T,C or G
W--> 108 <400> 6
109 agcggatgcc ttgtcgtcgt cgtccttgta gtcgctcttc gtataatcaa ctccagggtt 60
W--> 110 aaggccgctg atggtagctg tsnnsnnsn snnaggcaca gtgaactcct ggacagggct 120
111 atttcctcct gt 132
113 <210> SEQ ID NO: 7
114 <211> LENGTH: 64
115 <212> TYPE: DNA
116 <213> ORGANISM: Homo sapiens
118 <400> SEQUENCE: 7
119 agcggatgcc ttgtcgtcgt cgtccttgta gtcgctcttc gtataatcaa ctccagggtt 60
120 aagg 64
122 <210> SEQ ID NO: 8
123 <211> LENGTH: 101
124 <212> TYPE: DNA
125 <213> ORGANISM: Homo sapiens

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127 <400> SEQUENCE: 8
128 ggaattccta atacgactca ctatagggac aattactatt tacaattaca atgcatcacc      60
129 atcaccatca cctcttctat accatcactg tgtatgctgt c                          101
131 <210> SEQ ID NO: 9
132 <211> LENGTH: 114
133 <212> TYPE: DNA
134 <213> ORGANISM: Homo sapiens
136 <220> FEATURE:
137 <221> NAME/KEY: misc_feature
138 <222> LOCATION: (1)...(114)
139 <223> OTHER INFORMATION: n = A,T,C or G
141 <221> NAME/KEY: misc_feature
142 <222> LOCATION: (1)...(114)
143 <223> OTHER INFORMATION: s = C or G
W--> 145 <221> misc_feature
146 <222> LOCATION: 59, 60, 62, 63, 65, 66, 68, 69, 71, 72, 74, 75, 77, 78, 80,
147      81, 83, 84, 86, 87
148 <223> OTHER INFORMATION: n = A,T,C or G
W--> 150 <400> 9
W--> 151 agcggatgcc ttgtcgtcgt cgtccttgta gtctgttcgg taattaatgg aaattggsnn      60
W--> 152 snnnsnnns nnsnnnsnnsn nsnnnsnnagt gacagcatat acagtgatgg tata          114
154 <210> SEQ ID NO: 10
155 <211> LENGTH: 57
156 <212> TYPE: DNA
157 <213> ORGANISM: Homo sapiens
159 <400> SEQUENCE: 10
160 agcggatgcc ttgtcgtcgt cgtccttgta gtctgttcgg taattaatgg aaattgg          57
162 <210> SEQ ID NO: 11
163 <211> LENGTH: 45
164 <212> TYPE: DNA
165 <213> ORGANISM: T7 phage and tobacco mosaic virus
167 <400> SEQUENCE: 11
168 gcgtaatacg actcactata gggacaatta ctatttaca ttaca                          45
170 <210> SEQ ID NO: 12
171 <211> LENGTH: 33
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Flag sequence
178 <400> SEQUENCE: 12
179 agcggatgcc ttgtcgtcgt cgtccttgta gtc                                    33
181 <210> SEQ ID NO: 13
182 <211> LENGTH: 19
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Splint oligonucleotide
W--> 189 <221> NAME/KEY: misc_feature
190 <222> LOCATION: (1)...(19)

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191 <223> OTHER INFORMATION: n = A,T,C or G
 W+> 193 <221> misc_feature
 194 <222> LOCATION: 10
 195 <223> OTHER INFORMATION: n = A,T,C or G
 W+> 197 <400> 13
 W+> 198 tttttttttt agcggatgc 19
 200 <210> SEQ ID NO: 14
 201 <211> LENGTH: 20
 202 <212> TYPE: DNA
 203 <213> ORGANISM: Artificial Sequence
 205 <220> FEATURE:
 206 <223> OTHER INFORMATION: Puromycin linker oligonucleotide
 208 <400> SEQUENCE: 14
 209 aaaaaaaaaa aaaaaaaacc 20
 211 <210> SEQ ID NO: 15
 212 <211> LENGTH: 30
 213 <212> TYPE: DNA
 214 <213> ORGANISM: Mus musculus
 216 <400> SEQUENCE: 15
 217 gcggcagggt ttgcttactg gggccaaggg 30
 219 <210> SEQ ID NO: 16
 220 <211> LENGTH: 27
 221 <212> TYPE: DNA
 222 <213> ORGANISM: Mus musculus
 224 <400> SEQUENCE: 16
 225 gggaggggtg gaggtagggtc acagtcc 27
 227 <210> SEQ ID NO: 17
 228 <211> LENGTH: 30
 229 <212> TYPE: DNA
 230 <213> ORGANISM: Mus musculus
 232 <400> SEQUENCE: 17
 233 tttgctagct ttaccaggag agtgggaggc 30
 235 <210> SEQ ID NO: 18
 236 <211> LENGTH: 33
 237 <212> TYPE: DNA
 238 <213> ORGANISM: Mus musculus
 240 <400> SEQUENCE: 18
 241 aaaaagcttg ccaaaacgac acccccatct gtc 33
 243 <210> SEQ ID NO: 19
 244 <211> LENGTH: 33
 245 <212> TYPE: DNA
 246 <213> ORGANISM: Mus musculus
 248 <400> SEQUENCE: 19
 249 catatgggtt ctgatattcc gagagatctg gag 33
 251 <210> SEQ ID NO: 20
 252 <211> LENGTH: 43
 253 <212> TYPE: DNA
 254 <213> ORGANISM: Mus musculus
 256 <400> SEQUENCE: 20

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257 catatgcac accatcacca tcacgtttct gatattccga gag	43
259 <210> SEQ ID NO: 21	
260 <211> LENGTH: 30	
261 <212> TYPE: DNA	
262 <213> ORGANISM: Mus musculus	
264 <400> SEQUENCE: 21	
265 gaattcctat gttttataat tgatggaaac	30
267 <210> SEQ ID NO: 22	
268 <211> LENGTH: 19	
269 <212> TYPE: DNA	
270 <213> ORGANISM: Homo sapiens	
272 <400> SEQUENCE: 22	
273 tgtaaatagt aattgtccc	19
275 <210> SEQ ID NO: 23	
276 <211> LENGTH: 20	
277 <212> TYPE: DNA	
278 <213> ORGANISM: Homo sapiens	
280 <400> SEQUENCE: 23	
281 tttttttttt tttttttttt	20
283 <210> SEQ ID NO: 24	
284 <211> LENGTH: 15	
285 <212> TYPE: DNA	
286 <213> ORGANISM: Artificial Sequence	
288 <220> FEATURE:	
289 <223> OTHER INFORMATION: Oligonucleotide	
291 <400> SEQUENCE: 24	
292 cctgtaggtg tccat	15
294 <210> SEQ ID NO: 25	
295 <211> LENGTH: 16	
296 <212> TYPE: DNA	
297 <213> ORGANISM: Homo sapiens	
299 <400> SEQUENCE: 25	
300 catcgctcctt gtagtc	16
302 <210> SEQ ID NO: 26	
303 <211> LENGTH: 13	
304 <212> TYPE: DNA	
305 <213> ORGANISM: Artificial Sequence	
307 <220> FEATURE:	
308 <223> OTHER INFORMATION: Oligonucleotide	
310 <400> SEQUENCE: 26	
311 cgtcgtaggg gta	13
313 <210> SEQ ID NO: 27	
314 <211> LENGTH: 17	
315 <212> TYPE: DNA	
316 <213> ORGANISM: Artificial Sequence	
318 <220> FEATURE:	
319 <223> OTHER INFORMATION: Oligonucleotide	
321 <400> SEQUENCE: 27	
322 caggtcttct tcagaga	17

RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 74,75,77,78,80,81,83,84,86,87,89,90,92,93
Seq#:6; N Pos. 83,84,86,87,89,90,92,93
Seq#:9; N Pos. 59,60,62,63,65,66,68,69,71,72,74,75,77,78,80,81,83,84,86,87
Seq#:13; N Pos. 10
Seq#:30; N Pos. 10
Seq#:79; Xaa Pos. 17,30,34
Seq#:85; Xaa Pos. 28,51,82
Seq#:96; Xaa Pos. 40
Seq#:97; Xaa Pos. 13,21
Seq#:107; Xaa Pos. 27
Seq#:114; Xaa Pos. 3,18,23
Seq#:118; Xaa Pos. 28
Seq#:120; Xaa Pos. 28
Seq#:125; Xaa Pos. 86
Seq#:126; Xaa Pos. 75
Seq#:129; Xaa Pos. 2,9,12,22
Seq#:189; Xaa Pos. 24